

B2 *B3*
comprises an immunoisolating alginate having a G content of above 15%, wherein the molecule is a molecule that is capable of interacting with tumor/host communication pathways, wherein the CNS tumor is a brain tumor.

B3 *B4* *C1*
21 (Amended). A composition comprising a producer cell that expresses a molecule that is an inhibitor of the growth of a CNS tumor, the cell being encapsulated in a matrix that comprises an immunoisolating alginate having a G content of above 15%, wherein the molecule is a molecule that is capable of interacting with tumor/host communication pathways, wherein the producer cell is encapsulated in a bead or microbead and the alginate concentration within the bead or microbead increases from the center of the bead or the microbead to the outer rim.

Su b
29 (New). The method according to claim 27 wherein the molecule that is capable of interacting with tumor/host communication pathways is a molecule capable of affecting tumor neovascularization selected from the group consisting of: thrombospondin, endostatin, angiostatin, and prolactin.

Su b
30 (New). The method according to claim 27 wherein the producer cell is encapsulated in a bead or microbead and the alginate concentration within the bead or microbead increases from the center of the bead or the microbead to the outer rim.

Su b
31 (New). The composition according to claim 22 wherein the molecule that is capable of affecting tumor neovascularization is selected from the group consisting of: thrombospondin, endostatin, angiostatin, and prolactin.

Su b *C5*
32 (New). The composition according to claim 12 wherein the producer cell comprises a plasmid that includes a nucleic acid sequence that encodes a protein that is capable of